I received and filed this instrument for record on the 24th day of May, 1968, at 2:30 a.m., clock E.M., permanent time of Missoula County, State of Montana:

Witness my hand:

Veronica E. Cross, County Recorder
By: place

Fee $1.00

Filed
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. THE MONTANA POWER COMPANY, of 40 E. Broadway, Butte, Montana, intends to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is municipal water supply.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed is 1000 gallons per minute.

4. The annual period (inclusive dates) of intended use is Jan. 1 - Dec. 31 each year.

5. The probable or intended date of first beneficial use is April 30, 1969.

6. The probable or intended date of commencement and completion of the well or wells is April 11, 1969 to April 30, 1969.

7. The location, type, size and depth of well or wells contemplated is well in NW¼ SW¼, S. 16, T. 33 N., R. 13 W., M. P. M.

8. The probable or estimated depth of the water table or artesian aquifer is 55 ft.

9. Name, address and license number of the driller engaged is Glenn Comp., 1522 14th W., Missoula, Montana, License #7.

10. Give such other similar information as may be useful in carrying out the policy of this act.

THE MONTANA POWER COMPANY

By W. Talbot
Vice President

40 E. Broadway
Butte, Montana

Appropriator

APPROPRIATOR

As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

Date 5/7/69

452 24
I received and filed this instrument for record on the 17th day of November, 1884, at 10 o'clock A.M., pursuant to law, in Missoula, County, State of Montana.

Witness my hand.

Vernon H. Cooper, County Recorder.

By: (Signature) Deputy

Fee $1.00. Paid: $1.00.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1969
(Under Chapter 237, Montana Session Laws, 1961)

File No.: 1136

County: Missoula

OFFICE OF STATE ENGINEER
Montana Power Company

Top of Ground
(Elev. above sea level: )

Date of Notice of Appropriation of groundwater:

Appropriator:

Date well started:

Date completed:

Owner:

Address:

Driller:

Address:

Type of well: Drilled

Equipment used:

Water use:

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

---

Static Water Level for non-flowing well

Discharge in gal. per min. of flowing well

Remarks:

License No.

Driller’s License Number

Driller’s Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

---
**Notice of Completion of Groundwater Appropriation by Means of Well**

*Under Chapter 237, Montana Session Laws, 1961*

**Owner:**

Coffee's Drug Co., Inc.

**Address:** Missoula, Montana

**Driller:**

Glenn Cary

**Address:** Missoula, Montana

---

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Klev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 2' Sand</td>
<td></td>
</tr>
<tr>
<td>2' to 37' Clay, gravel &amp; boulders</td>
<td></td>
</tr>
<tr>
<td>37' to 47' Small gravel &amp; sand &amp; water</td>
<td></td>
</tr>
<tr>
<td>47' to 67' Small gravel, sand &amp; water</td>
<td></td>
</tr>
<tr>
<td>67' to 70' &amp; Gravel</td>
<td></td>
</tr>
</tbody>
</table>

---

| Date of Notice of Appropriation of Groundwater |   |
| Date well started | Oct. 31, 1964 |
| Date completed | May 4, 1964 |

**Type of Well:**

Drilled

**Equipment Used:**

Churn drill

**Well Use:**

Domestic □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ \n
**Static Water Level for non-flowing Well:** 32 feet.

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:**

**Discharge in gal. per min. of flowing well:**

**How Tested:**

**Compressor:**

**Length of Test:**

**Remarks:**

(Groundwater, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

---

**Driller's License Number:**

Glenn Cary

---

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
I received and filed this Instrument for record on the 5th day of July, 1966, at 2:30 o'clock P.M., pursuant to the provisions of Missouri Code, State of Missouri.

Witness my hand:

Vergene E. Cooper, County Recorder
By: Alvin B. Medcalf, Deputy
Fee $1.00.00, Paid cash.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Commercial Address: Missoula

Driller: Ema Water Well Drilling Address: St. Regis

Date of Notice of appropriation of groundwater: 7/30/62
Date well started: 8/9/62 Date completed: 8/11/62

Type of well: Drilled Equipment used: Churn
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipa Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Coupling</th>
<th>Pressure (Psi)</th>
<th>Temp (F)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; id</td>
<td>6&quot; id 100 +18&quot;</td>
<td></td>
<td></td>
<td>does not apply</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 29 feet.

Shut-in Pressure for Flowing Well, 15 feet Pumping Water Level, 34 feet at 50 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Ballast pumped

Length of Test: 111 clear

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, three copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

H1268
I received and filed this instrument for record on the 16th day of January, 1916, at 11:11 A.M., before the Honorable Chief Judge of Missoula County, State of Montana.

Witness my hand.

Vermaas R. Cunyn, County Recorder
By: [Signature]
Deputy

Fee $2.50
Notice of Completion of Groundwater Appropriation by Means of Well

DATE ENTERED: Oct. 7, 1957
DATE COMPLETED: Oct. 27, 1957

TYPE OF WELL: Drilled

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other [ ]

Indicate on the diagram character and thickness of different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Static Water Level for non-flowing well

Shut-In Pressure for Flowing Well

Pumping Water Level at 500 g.p.m. measured

Discharge in gal. per min. of flowing well

How Tested: Air Compressor

Length of Test: 14 hours

Remarks: Gravel packing, cementing, packers, type of shutoff

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, these copies to be retained by driller.

Please answer all questions. If not applicable, so state otherwise the form will be returned.
I received and filed this Instrument for record on the 24th day of May, 1907 at 2:15 O'clock P.M., permanent file of Missoula County, State of Montana. Witness my hand:

Yeruma R. Cameron, County Recorder

Rachele F. Liberman, Deputy

Feb. 1908
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1961 (Under Chapter 237, Montana Session Laws, 1961)

Owner: Don's Market, Inc. 
Address: Missoula, Montana

Driller: Liberty Drilling Co. 
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 6/21/67 
Date completed: 6/21/67

Type of well: Driven

Equipment used: Well Driving Rig

Water use: Domestic □ 
Municipal □ Stock □ Industrial □ Irrigation □ Drainage □ Other □

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Water rise (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6 5/8</td>
</tr>
<tr>
<td>0</td>
<td>3 3/4</td>
</tr>
</tbody>
</table>

Water rises in the well 14 5/6" from surface.

Static Water Level for non-flowing well 14 1/6" feet.

Shut-in Pressure for flowing well 52 feet.

Pumping Water Level: 52 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well 900 gal. per minute.

How Tested: Air Lift Pump

Length of Test: Six hrs.

Remarks: (Gravel packing, cementing, packer, type of shutoff, etc.)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Bottom of hole 76'

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, one copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

42,780
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Larry K. & Carol J. Israel
Owner. Address: Missoula, Montana

Liberty Drilling Co., Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 5/12/65
Date completed: 5/13/65

Type of well: Drilled
Equipment used: Cable Tools
Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft</td>
<td>6 3/8&quot; OD x 1/2&quot;</td>
<td>0</td>
<td>31</td>
<td>Water rises in the well</td>
<td>31 feet from surface</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 31 feet

Shut-in Pressure for Flowing Well: Non-flowing
Pumping Water Level: 60 feet

Discharge in gal. per min. of flowing well: Non-flowing

How Tested: Air Lift Pump
Length of Test: Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff). All water entering well is coming through the open-bottom of all such casing. Wells in this area can be depended upon to produce clear sand-free water year after year if not overpumped, i.e., they should be pumped at rates not in excess of 50 to 75 percent of tested capacity of aquifer (Continues on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Lot 2, Block 2, Reesy Addition #2

Show exact depth of bottom
Bottom of well 81 ft

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, one copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

David J. Mackay
(Name of Approprior) 875 Ronald Ave, Missoula, Mont.
(Addres) Missoula
(Town) State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based is: 
   - Domestic
   - Commercial
   - Irrigation

2. Date or approximate date of earliest beneficial use; and how continuously the use has been: 
   - November 1937, used continuously
   - No.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 miner's inches per well.

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   - 

5. Indicate point of appropriation and place of use, if possible:
   - 

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - No.
   - No.
   - No.
   - No.
   - No.
   - No.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - No. 1, 1937, No. 2, 1938, No. 3, 1939

8. The depth of water table:
   - 27 for Nos. 1 and 2, 29.5 for Nos. 3

9. The estimated amount of groundwater withdrawn each year:
   - Continuous

10. The log of formations encountered in the drilling of each well if available:
    - 

11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
    - 

12. Signature of Owner:
    - 

Date: Nov. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to State Engineer; Triplicate to Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

APR 30 1971

(Click the docket on the docket to view)

STATE OF MONTANA DRILLER'S LOG
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

[...]

STATE OF MONTANA DRILLER'S LOG
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

APR 30 1971

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Floyd and
Owner: Ruth L. Haath

Address: 1925 River Road, Missoula, Montana

Date well started: 4/3/71

Date well completed: 4/6/71

Type of well: Drilled

Equipment used: Cable tools

Water Use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Garden/Lawn

*Describe: [...]

USE: If used for Irrigation, Industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). Act 8 Block 2 Really Addition 2

ESTIMATED ANNUAL WITHDRAWAL: 2,350,000 gallons

Top of Ground (feet above sea level)

- 10' 10'-00' SAND
- 11' 11'-00' SILT
- 12' 12'-00' GRANITE
- 13' 13'-00' CLAY
- 14' 14'-00' SAND
- 15' 15'-00' Silt

PERFORATIONS

- 15' 15'-00' N.E.
- 16' 16'-00' S.W.
- 17' 17'-00' E.S.
- 18' 18'-00' W.N.

Static water level: 15 ft.

Pumping water level: 15 ft.

Air Lift

Power: Blower

Remarks: [...]

Driller's Signature

Driller's Address: 2500 Reserve Street

Missoula, Montana

LICENSE NO. 12
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Mary McFarland  
Address: Fallon Road

Driller: Glenn Camp  
705 Alder  
Address: Missoula, Mont

Date of Notice of Appropriation of Groundwater: Jan. 25, 1964
Date Completed: Jan. 31, 1964

Type of Well: Drilled
Equipment Used: Churn Drill
(dug, driven, bored or drilled)

Water Use: Domestic □  Municipal □  Other □  Irrigation □  Industrial □  Drainage □  Stock

- Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

### Depths and Water Levels

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 3'</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>3' to 10'</td>
<td>Gravel, sand &amp; water</td>
</tr>
<tr>
<td>10' to 25'</td>
<td>Gravel, sand &amp; water</td>
</tr>
<tr>
<td>25' to 50'</td>
<td>Clay &amp; gravel</td>
</tr>
<tr>
<td>50' to 70'</td>
<td>Sand &amp; gravel</td>
</tr>
<tr>
<td>70' to 100'</td>
<td>Gravel &amp; water</td>
</tr>
</tbody>
</table>

### Water Use
- Domestic
- Municipal
- Other
- Irrigation
- Industrial
- Drainage
- Stock

### License

Licence #7
Driller’s License Number

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
I received and liked this instrument for record on the 28 day of June, 1965,
at 1:15 o'clock a.m., in present hand of Missoula County, State of Montana.
Witness: my hand.
Varner D. Cross, County Recorder
By N. W. Coleman, Deputy
For $1.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

MISSOULA HOTEL
(Name of Appropriator)
US 10 & 33 West Missoula
(Address)
(Town)
County of Missoula State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   Complete water needs for Hotel & Lounge

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Well #1 Continuous Since 1937
   Well #2 Continuous Since 1939

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   Well #1 20 Gallons Per Minute
   Well #2 28 Gallons Per Minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   No Applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Well #1 Jet Pump
   Well #2 Turbine Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Well #1 Completed 1947
   Well #2 Completed 1949

8. The depth of water table
   Estimated at 45' for both wells

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Well #1 8' Casing - Drilled 95' 6"
   Well #2 8' Casing - Drilled 95' 6"

10. The estimated amount of groundwater withdrawn each year
    10 million gallons

11. The log of formations encountered in the drilling of each well if available
    Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

ROBERT L. RIEFFLIN
Signature of Owner

Date 12-18-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**STATE OF MONTANA**
**ADMINISTRATOR OF GROUNDWATER CODE**
**OFFICE OF STATE ENGINEER**

**DEVELOPED AFTER JANUARY 1, 1962**
(Under Chapter 237, Montana Session Laws, 1961)

---

**Owner:** PACIFIC HILLS & FUR

**Driller:** L. O. KR. WIE

**Address:** 740 TURNER

**Date of Notice of appropriation of groundwater:**

- **Date well started:** JAN 25, 1971
- **Date completed:** JUNE 27, 1971

**Type of well drilled:**

- **Equipment used:** CHURN

- **Water use:** Domestic, Municipal, Stock, Irrigation, Industrial, Drainage, Other

**Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.**

---

<table>
<thead>
<tr>
<th>Date of Drilled</th>
<th>Rod</th>
<th>Diameter of Bore</th>
<th>From</th>
<th>To</th>
<th>Depth</th>
<th>Weight of Contents</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
<td>6-3/8&quot; OD</td>
<td>ground</td>
<td>90 ft.</td>
<td>1/4&quot; side-wall</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Static Water Level for non-flowing well:**

- **Shut-In Pressure for Flowing Well:**
- **Pumping Water Level:** 75 feet
- **Discharge in gal. per min. of flowing well:**

**How Test: DRAIN & COMPRESSOR TEST**

- **Length of Test:** 6 hrs.

**Remarks:** (Gravel packing, cementing, packers, type of shutoff)

---

**Driller's License Number:**

**Driller's Signature:**

---

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, these copies to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

---

199

Driller's License Number

Lee House

Driller's Signature

48320
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: L. Reely
Address: Missoula

Driller: Xane-Water Well Drilling
Address: St. Regis

Date of Notice of appropriation of groundwater: 2/30/65
Date well started: 8/11/65
Date completed: 8/14/65

Type of well: Drilled
Water use: Residential

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rate and Weight of Grout</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; id</td>
<td>6&quot; id 19&quot;</td>
<td>+28 = 67</td>
<td></td>
<td>does not apply</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 29 feet.
Shut-In Pressure for Flowing Well: 40 feet.
Pumping Water Level: 33 feet at 50 gal. per minute.
Discharge in gal. per min. of flowing well: 1,000 gallons.

How Tested: Bailed and pumped
Length of Test: Till clear

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Show exact depth of bottom.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located; tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Date: 4/12/64
I received and filed this Instrument for record on the 7th day of December 1946 at 1:30 o'clock A.M. From the files of Missoula County, State of Montana.
Witness my hand:

Vernon R. Groves, County Recorder
By: F. H. Brown
By: J. M. Engle
Rev. 12. 0.0

25245-9
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: McDermott
Address: Missoula

Driller: M. McNeely
Address: St. Regis

Date of Notice of appropriation of groundwater: 1/22/66
Date well started: 1/22/66
Date completed: 1/30/66

Type of well: Drilled
Equipment used: Drill, driven, bored or drilled
(Chalk drill, rotary or other)

Water use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □

Indicate on the diagram the character and thickness of the different strata met in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Strata of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th stratum</td>
<td>Ø ½ x 250</td>
<td>Ø 68</td>
<td></td>
<td>does not apply</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well... 40 feet.
Shut-In Pressure for Flowing Well... 200 psi.
Pumping Water Level... 40 feet at... 20 gal. per minute.
Discharge in gal. per min. of flowing well...

How Tested... Ball and gauge
Length of Test... All clean

Remarks: (Gravel yielding, cementing, packers, type of strata)

Lot 2 Block 8
Kathy Haddad, et al
NW/4 Sec. 17 T 33 R 19 N

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Driller's License Number
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, third copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vernon Sauter</td>
<td>2030 River Road</td>
<td>Missoula</td>
</tr>
</tbody>
</table>

County of Missoula, State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: For irrigating and used in several houses.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been since 1948:
   - Irrigate acreage.

4. The amount of groundwater claimed (in miner's inches or gallons per minute), at times up to 40 gallons a minute.

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof.
   - It has been used on approximately 3 acres plus several houses.

6. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal of groundwater.
   - 12 horsepower electric motors to run pump on property described above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - The earliest date of well is 1936, and remodeled in 1939.

8. The depth of water table:
   - At times approximately 14 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - Well is made of 5 inch casing steel pipe, 50 feet deep.

10. The estimated amount of groundwater withdrawn each year:
    - 502,000 gallons.

11. The log of formations encountered in the drilling of each well if available:
    - Gravel and rocks.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
    - I have none that I know of.

Signature of Owner: Vernon Sauter

Date: 2/16/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 12th day of June 1863
at A.M. [illegible] [illegible], W., notary public
of Missoula County, State of Montana
Witness my hand:

[Signature]

[illegible]

[illegible]
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Gordon E. Sedon & Marilyn R. Sisson
For Administrator's Use
Address: N.E. 10
File: 2554 334278
Missoula, Mont. 59801

Date well started April 12, 1973
completed April 20, 1973

Type of well: Drilled
Equipment used: Shown drill
Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □ Garden/Lawn □

USE: If used for irrigation, industrial, drainage or other, Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Depth of Water Level</th>
<th>Rise and Depth of Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rise above pump</td>
<td>3/10</td>
<td>60</td>
<td>15</td>
</tr>
</tbody>
</table>

PERFORATIONS

- None

Static water level: 40 ft.

Pumping water level: 40 ft.

at 20 gallons per minute, measured in 20.6 minutes after pumping began.

*Measured from ground level.

Well developed by Pump & Compass for 3 hours.

Power: 3/4 HP

Remarks: Capping, cementing, packers, type of shallot)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: ____________

Driller's Address: 1022 S. 14th W., Missoula, Montana 59801

LICENSE NO. ____________

Top of Ground

(Enter above sea level)

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>25</td>
<td>30</td>
</tr>
<tr>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>40</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

54888
I received and filed this instrument for record on the 1st day of May 1973
at 10:20:00 a.m., in the permanent files
of Missoula County, State of Montana.
Witness my hand:
Dorothy L. Head, County Recorder
By: Deputy
Fee: $2.00
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**State of Montana**

**Administrator of Groundwater Code**

**Office of State Engineer**

Mar 2, 1965

---

George F. Steinbrenner, Address: Emily Addition

Owner: Robert E. Jones

Driller's License Number: 705-Alden-Address: ...Montana...

Date of Notice of Appropriation of Groundwater: 2/1/65

Date well started: 2/9/65 Date Completed: 2/12/65

Type of well: Drilled Equipment Used: Churn drill

Type of Well: Drilled Drilling Method: Churn drill

Water Use: Domestic □ Municipal □ Other □ Irrigation □

Industrial □ Drainage □ Stock □

---

<table>
<thead>
<tr>
<th>Gravel Date</th>
<th>Sandy Clay Date</th>
<th>Total Depth</th>
<th>Water Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 6'</td>
<td>6' to 20'</td>
<td>26'</td>
<td>Sand</td>
</tr>
<tr>
<td>20' to 45'</td>
<td>45' to 57'</td>
<td>82'</td>
<td>Sands</td>
</tr>
<tr>
<td>57' to 70'</td>
<td>70' to 84'</td>
<td>154'</td>
<td>Sands</td>
</tr>
</tbody>
</table>

---

**Static Water Level for non-flowing Well:** 42' from G.L. feet.

**Shut-in Pressure for Flowing Well:**

With a test pump

Pumping Water Level: 44' feet at 58 gal. per minute.

Discharge in gal. per min. of flowing well.

How Tested: Compressor

Length of Test: 1 hour

Compressor test approx. 30 B.P.H.

Remarks: (Use packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation)

---

**Licenses: 7**

Driller's License Number

Driller's Signature

---

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, state so, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Uniform of Foreign Water)

(Date of Appropriator)

Address of Appropriator)

Town)

County of

State of

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

2. The beneficial use on which the claim is based. Irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. PRIOR TO 1902

4. The amount of groundwater claimed (in annual inches or gallons per minute). 10 LOTS & TRAILER COURT

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof. 10 LOTS

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

8. The depth of water table. 30 to 33'

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater. BORE D: 5\\\% DEEP

10. The estimated amount of groundwater withdrawn each year. FER TRAILER COURT AND IRRIGATING LOTS.

11. If the natural formations encountered in the drilling of each well if available. 1 FT WELL, 1 FT 41 FT GRAVEL, SAND, SANDY CLAY, 41 FT TO 62 FT SANDY CLAY, Silt, 62 FT TO 83 FT SANDY CLAY, WATER IN 11114 GRAVEL, 21 FT TO 30 FT GRAVEL, SAND

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Date: 1/3/1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montanan Session Laws, 1961)

Owner: Marcus Wolf
Address: 1720 Montana
Missoula

Driller: Glenn Camp
Address: Missoula

Date of Notice of Appropriation of Groundwater: Date not apply

Date well started: 6/24/62
Date Completed: 4/26/62

Type of well: Drilled
Equipment Used: Churn drill
(dug, driven, bored or drilled)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Rise of Drilled Hole</th>
<th>Rise and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; T.D.</td>
<td>seamless</td>
<td>19 lb pipe</td>
<td>floor to 75'-6&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 40 feet
Shut-in Pressure for Flowing Well: Date not apply
Pumping Water Level: 50 feet at 60 gal. per minute.
Discharge in gal, per min. of flowing well: Date not apply
How Tested: Compressor
Length of Test: 3 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

None

Driller’s License Number

Driller’s Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name</strong></td>
<td>J. Smith</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>123 Main St, Anytown, USA</td>
</tr>
<tr>
<td><strong>City</strong></td>
<td>Anytown</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td>USA</td>
</tr>
<tr>
<td><strong>Zip Code</strong></td>
<td>12345</td>
</tr>
</tbody>
</table>

**Certification**:

I, J. Smith, do hereby certify that I have read and understand the terms and conditions of the agreement and that the information provided is true and correct. Signature: J. Smith, Date: 01/12/2023
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Wright Lumber Company of Box 1529 Missoula
   (Name of Appropriator) (Address) (Town)

   County of Missoula State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based Domestic fire protection, and general use in connection with lumber and sawmill business.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been December, 1952

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 125 gallons per min.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump located on Lot 18, Block 13, Twp. 13 N., R. 19 W.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well started Nov. 1, 1952 and completed Dec. 2, 1962.

   8. The depth of water table 30 feet, approximately.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Type - Electrical jet pump B" casing and total depth of 120 feet, using 1 horsepower electric pump.

   10. The estimated amount of groundwater withdrawn each year Estimated use: 500,000 gals. per year.

   11. The log of formations encountered in the drilling of each well if available

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

   WRIGHT LUMBER COMPANY
   Signature of Owner
   President
   Date December 19, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
I received and filed the instrument for record on the 23 day of Dec, 1923
at 1:45 o'clock p.m., permanent file
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BURGER, County Recorder
By: ETHEL G. BURGER, Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>HARVEY F. CLOSE</th>
<th>RE #2</th>
<th>MISSOUA</th>
<th>MONTANA</th>
</tr>
</thead>
</table>

County of MISSOUA, State of MONTANA, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: THIS WELL PROVIDES DRINKING WATER FOR CATTLE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: APPROX. 1920 AND CONTINUOUS SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 150 GALLONS PER HOUR

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: NOT RIGED FOR IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: BY ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1920

8. The depth of water table: 10 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: HAND DUG WELL, 20 FEET DEEP

10. The estimated amount of groundwater withdrawn each year: 500,000 GALLONS

11. The log of formations encountered in the drilling of each well if available: NONE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: NONE

Signature of Owner: HARVEY F. CLOSE
Date: Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: NOT KNOWN
Owner: HARVEY F. COBB
Address: 1624 MISSOULA
Contractor (if any): NONE
Address of Contractor:
Date Started: Date Completed:

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. THIS IS A SPRING FEEDING A POND ABOUT TWO ACRES IN SIZE. IT SUB-IRRIGATES AND IS USED TO IRRIGATE BY MEANS OF PUMPING THROUGH PORTABLE SPRINKLERS.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use. THIS WATER IS USED ABOUT 165 DAYS PER YEAR DURING SUMMER MONTHS, 450,100 GALLONS PER DAY, PUMPING 750 GALLONS PER MINUTE.

Signature of Owner:
Date: Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
I received and filed this instrument for record on the 30th of May, 1867, at 10 o'clock A.M., in the office of the A.M. permanent files of Missoula County, State of Montana.

Witness my hand:

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[signature]

[signature]
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner/Driller</th>
<th>Address</th>
<th>Acres from Wellhead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edward Courtoy</td>
<td>Address: 1822 S. 16th St.</td>
<td></td>
</tr>
</tbody>
</table>

**Date of Notice of appropriation of groundwater:**

Date well started: **June 12, 1967** Date completed: **June 14, 1967**

**Type of well:** Drilled **Equipment used:** Churn Drill

*(Charn drill, rotary or other)*

Water use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Depth of Ground</th>
<th>Diameter of Hole</th>
<th>Water in Well</th>
<th>Static Water Level for non-flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10 Sandy Clay</td>
<td>6&quot; 1/2</td>
<td>17 lb per ft.</td>
<td>415 ft from existing g.l.</td>
</tr>
</tbody>
</table>

Shut-in Pressure for Flowing Well —

Pumping Water Level — 28 feet 12" 3/16 Head Down — 26 gal. per minute

Discharge in gal. per min. of flowing well —

How Tested: **Air Compressor**

Length of Test: **24 hours**

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

License No. 4-

Driller’s License Number

**Driller’s Signature:**

1. **License No.**
2. **Driller’s License Number.**
3. **42, 700**

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissues copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
I received and filed this instrument for record on the 27 day of /89. 19 6.2 at 2:15 a.m. 1st M., permanent home of Minnehaha County, State of South Dakota Witness my hand.

Veronica R. Gough, County Recorder
By: Deedee C. Hertling, Deputy
For s.x. 20 6.2 1061 Fied.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name or Nobby A. Flynn
   Address or Route # 2
   Town or Missoula
   County or Missoula
   State or Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Household & Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1870

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1870

8. The depth of water table: 45 feet

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 1-1/2" Drilled Well

10. The estimated amount of groundwater withdrawn each year: unknown

11. The log of formations encountered in the drilling of each well if available: not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: unknown

Signature of Owner: J. Emery Flynn
Date: 

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner
Contractor (if any)
Address of Contractor
Date Started
Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Water Rate

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Indicate point of appropriation and place of use, if possible.

Signature of Owner

Date

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Top of Ground**

<table>
<thead>
<tr>
<th>Elev. above sea level</th>
<th>ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 8' Pit</td>
<td></td>
</tr>
<tr>
<td>9' to 24' Clay &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>24' to 29' Sand, small gravel, and a sweep of silty water</td>
<td></td>
</tr>
<tr>
<td>29' to 38' Clay</td>
<td></td>
</tr>
<tr>
<td>38' to 48' Clay &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>48' to 52' Sand, gravel &amp; water</td>
<td></td>
</tr>
</tbody>
</table>

**Notice of Appropriation of Groundwater**

Owner: Mr Roy Marcoux  
Mr. Roy Marcoux  
Jullian Road  
Missoula, Montana  
Address:  

Driller: Glenn Camp  
Glenn Camp  
705 Alder  
Address: Missoula, Montana  

Date of Notice of Appropriation of Groundwater: May 25, 1964  
Date well started: May 25, 1964  
Date Completed: May 27, 1964  

**Drilled**

Churn drill  

Type of well:
- Drilled
- Churn drill
- Drill, rotary or other

Equipment Used:
- Drilled
- Churn drill
- Drill, rotary or other

**Water Use:**
- Domestic
- Municipal
- Other
- Irrigation
- Industrial
- Drainage
- Stock

---

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Kind of Water</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Depth (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; I.D.</td>
<td>8&quot; above footing</td>
<td>14.97' to 45'</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 27' feet.

**Shut-in Pressure for Flowing Well:** 27 feet at 0 gal. per minute.

**Pumping Water Level:**

27 feet at 0 gal. per minute.

**Discharge in gal. per min. of flowing well:**

Test pump Length of Test

27 feet at 0 gal. per minute.

**How Tested:**

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

None

**License # 7**

Glenn Camp
Driller's License Number

Driller's Signature

---

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this Instrument for record on the 17 day of Aug 1961 at 2:30 o'clock A.M. pursuant to the laws of Wisconsin County, State of Wisconsin. Witness my hand.

Versailles, Green County Recorder

By: John Miller, Deputy

Fees $ 5 paid: $ 5 paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth M. McCulloch
   (Name of Appropriator)
   1405 W. Fourth
   (Address)
   Missoula
   (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based is
   Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   July 1, 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   19.50, 62,000 gallons daily

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   500 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Wells

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   May 15, 1953

8. The depth of water table:
   150 feet
down

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Drilled wells 100 feet

10. The estimated amount of groundwater withdrawn each year:
    62,000 gallons annually

11. The log of formations encountered in the drilling of each well if available:
    Drilling to No. 1 well:

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
    Drilling Log

Signature of Owner: Kenneth M. McCulloch

Date: Nov. 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument on the ______ day of ______, 19____, at ______ o'clock ______ M., permanent files of Missoula County, State of Montana.

Witness my hand.

MARTIN E. BERNICK

Deputy

Poured
Notice of Completion of Groundwater Appropriation by Municipal Well

(Under Chapter 237, Montana Session Laws, 1961)

File No. T-AJI

County: Missoula

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Municipal Well

Owner: City of Missoula
Address: Missoula, Montana

Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of Appropriation of Groundwater: N.o.r. filed

Date well started: 6-22-62
Date Completed: 6-29-62

Type of well: Drilled
Equipment Used: Cable Tools
(dug, driven, bored or drilled)

Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □

Note: Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td></td>
<td>28&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 11'-9" feet.
Shut-in Pressure for Flowing Well: N.m.f.-l o.w.
Pumping Water Level: 41 feet at 280 gal. per minute.
Discharge in gal, per min. of flowing well: N.m.f.-l o.w.
How Tested: Airlift, pump
Length of Test: 6 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Show exact depth of bottom. Bottom 79'-9"

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

Driller's License Number: 92
Driller's Signature: William F. Allen

1925
Notice of Completion of Groundwater Appropriation by Means of Well

County: Missoula
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

DEVELOPED AFTER JANUARY 1, 1992
(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of appropriation of groundwater: None - Filed

Owner: Missoula County Humane Society, Missoula, Mont.

Address: Liberty Drilling Co., Address, Missoula, Montana

Date well started: 7/30/63
Date completed: 8/15/63

Type of well: Drilled
Equipment used: Cable tools
(Churn drill, rotary or other)

Water use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Show exact depth of bottom.

Bottom of hole 70'

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located; same copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature
I received and filed this instrument for record on the 16th day of June, 1926, at 11:00 o'clock A.M., in the office of the Recorder of Deeds of Missoula County, State of Montana.

Witness my hand,

Ward M. Corder, County Recorder
By: Charles Murray, Deputy

Fee $5.00, Paid...
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1963
(Under Chapter 227 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: John E. Roberts
Address: 8th St, Helena, MT 59601, 504

Date well started: Aug. 11, 1971
Date well completed: Aug. 14, 1971

Type of well: Drilled
Equipment used: Churn Drill

Water Use: Domestic □, Municipal □, Stock □, Irrigation □, Industrial □, Drainage □, Other □, Garden/Lawn □

*Describe

USE if used for Irrigation, Industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 2,500,000 gallons

Top of Ground

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Topall</td>
</tr>
<tr>
<td>6</td>
<td>Sand, gravel, and clay</td>
</tr>
<tr>
<td>28</td>
<td>Static water level</td>
</tr>
<tr>
<td>28</td>
<td>Sand, gravel, and clay</td>
</tr>
<tr>
<td>50</td>
<td>Water</td>
</tr>
<tr>
<td>60</td>
<td>Sand and clay</td>
</tr>
<tr>
<td>65</td>
<td>Sand, clay and water</td>
</tr>
<tr>
<td>65</td>
<td>Sand, gravel, water with traces of clay</td>
</tr>
</tbody>
</table>

Well developed by: Churn Drill
Pumping water level: 32 ft., at 75 gallons per minute, measured 120 minutes after pumping began.
Static water level: 28 ft.

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: Charlie H. Allen
Driller's Address: C. C. C. Drilling, Box 670, Missoula, Montana
LICENSE NO. 185

Show exact depth of bottom